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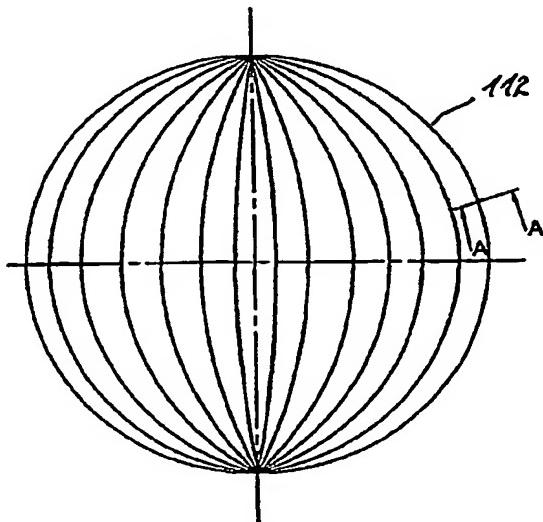
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(54) Title: MEDICAL DEVICE WITH ELECTROSPUN NANOFIBERS



(57) Abstract: A medical device, such as a guide wire, an embolization device, or a guide shaft for a micro catheter, comprises a solid and/or non-expandable core member made from e.g. metal, such as tantalum, and an outer surface layer, which is formed by electrospun nanofibers. The outer surface layer may incorporate a pharmaceutically active substance, such as a nitric oxide (NO) donor for release in the vascular or neurovascular system of a living being. The NO donor may be incorporated in a polymer, such as a polymeric linear poly(ethylene imine) diazeniumdiolate.



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